

# BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND USES THEREOF

## Abstract

The present invention relates to a group of novel human genes, here identified as "genomic address messengers" or "GAM". GAM genes selectively inhibit translation of known "target" genes, many of which are known to be involved in various diseases. Several nucleic acid molecules are provided respectively encoding several GAM genes, as are vectors and probes both comprising the nucleic acid molecules, and methods and systems for selectively enhancing translation of the respective target genes, and for detecting expression thereof.